

# State of the Physician Workforce in Missouri

An overview of the issues and opportunities for physician-related careers

November 2005

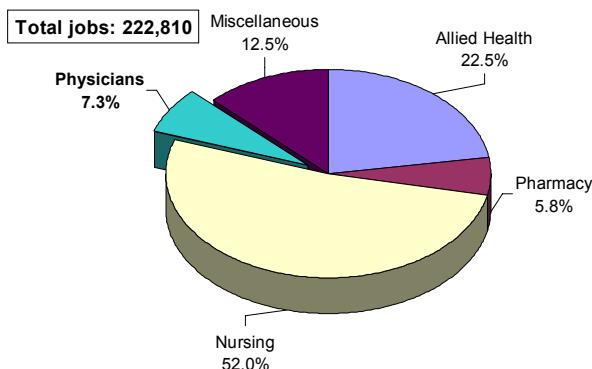
## Drivers in the Healthcare Sector

Physician-related careers have driven growth in the overall healthcare industry. From 2000 to 2004:

- Over 41% of total job growth in the health care sector was due to growth of physician-related jobs.
- More than 4,400 net jobs were created in the Physician sector during that same time period.

Source: MERIC, Occupational Employment Statistics in cooperation with the US Bureau of Labor Statistics, November 2004.

## Health Care Jobs in Missouri (Nov. 2004)

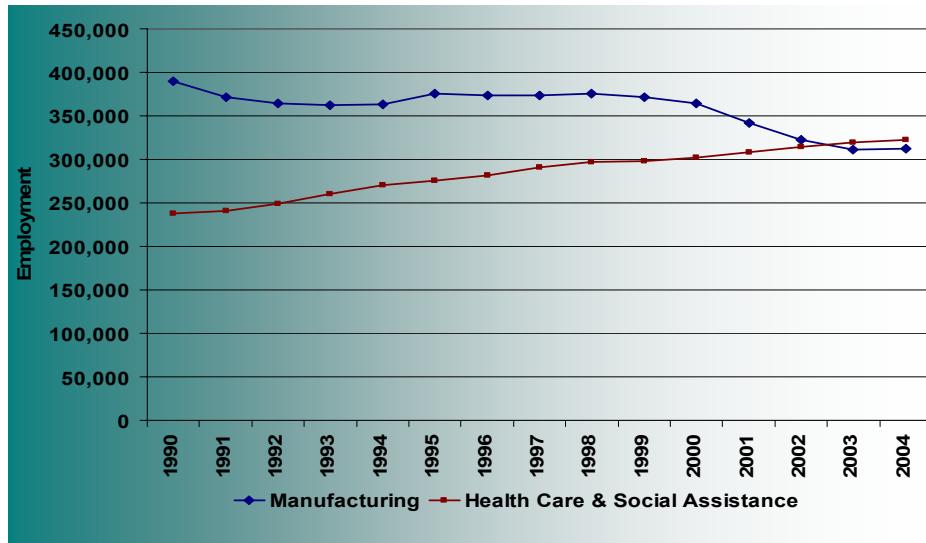


## A Dramatic Economic Shift

In the past decade, Missouri shifted from a goods producing to a service producing economy. This trend is evident when comparing historical industry employment in Manufacturing versus Health Care and Social Assistance.

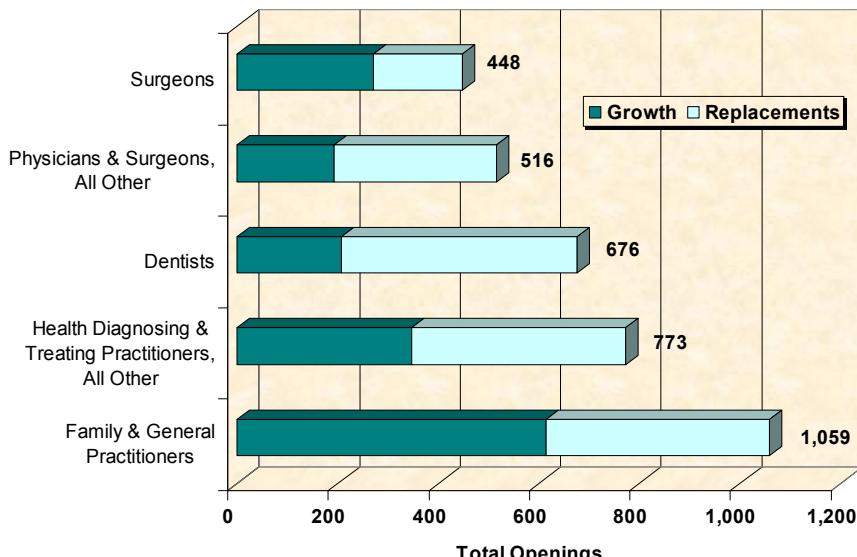
In 1990, Manufacturing accounted for more than 16% of jobs statewide with Social Assistance accounting for only 10% of jobs. After the economic shift, Health Care/Social Assistance added over 84,000 jobs to account for almost 12% of statewide employment in 2004. During that same time period, Manufacturing lost more than 78,000 jobs and now only accounts for 11% of statewide employment.

## Manufacturing and Health Care and Social Assistance Employment



Source: MERIC, Quarterly Census of Employment and Wages by Industry in cooperation with the US Bureau of Labor Statistics, 1990-2004.

## Projected openings for selected physicians in Missouri, 2002-2012



Source: MERIC, Employment Projections, 2002-2012.

## A Strong Outlook for Physician-Related Careers

From 2002 to 2012, Physician-related careers are projected to add over 2,400 jobs - a percent increase of 14% from 2002.

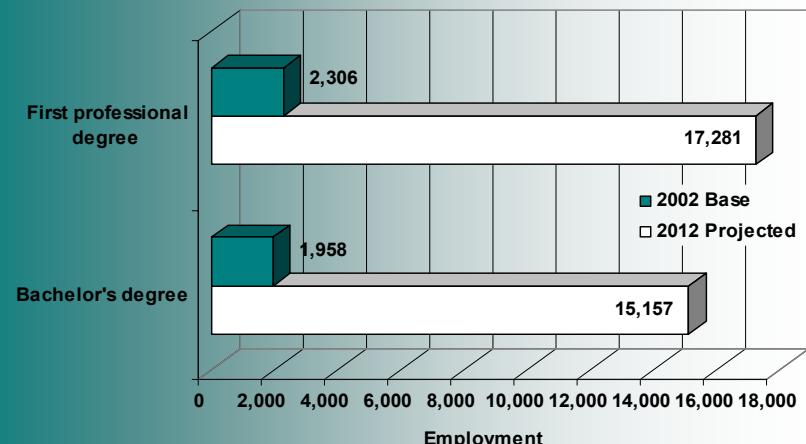
Total job openings over the ten-year period are a combination of both growth and replacement openings. Growth openings are new jobs that are added to the economy. Replacement openings are vacancies created by worker mobility or retirements – not new jobs.

## The Future for Physician Training

Expected job openings in the Physician sector will place demands on higher education over the next ten years.

In 2012, 11% of physician-related occupations will need skills typically obtained through a bachelor's degree while 88% will need skills typically obtained through a first professional degree.

Future Levels of Educational Attainment for Physicians



Source: MERIC, Employment Projections, 2002-2012, U.S. Bureau of Labor Statistics.

### Wage Rates for Top 5 Employing Physician-Related Occupations

Occupation	Nov. 2004 Employment	Hourly Wage		
		25th Percentile	Average	75th Percentile
Health diagnosing & treating practitioners, all other	3,790	\$19.45	\$36.93	\$44.89
Family & general practitioners	2,850	\$42.88	\$68.85	N/A
Physicians & surgeons, all other	2,230	\$45.35	\$67.56	N/A
Dentists	1,630	\$31.33	\$64.71	N/A
Surgeons	980	N/A	\$91.55	N/A

N/A: Data not available

Source: MERIC, Occupational Employment Statistics in cooperation with the US Bureau of Labor Statistics

### Training Providers for Physician-Related Careers

In Missouri, there are 13 training providers/educational institutions that offer Physician-related training programs.

The majority of the Physician-related training providers in the state (10) are located in the two major metropolitan areas of Kansas City and St. Louis.

There is limited access to other Physician-related training providers across rural Missouri with exceptions in St. Joseph, Kirksville, and Columbia.

Surgeons, the fastest growing occupation in the Physician sector, is projected to grow by more than 20% over the next decade.

This occupation pays an above average wage of \$91.55 an hour.

